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ALASKA AGRICULTURE STATISTICS 1991



June 1991



CHECKED AREAS ON THE MAP SHOW THE LOCATION OF THE MAJOR AGRICULTURAL ACTIVITIES IN THE STATE. THE NUMBERS DESIGNATE THE AGRICULTURAL STATISTICS DISTRICTS.

- 1 TANANA VALLEY
- 2 MATANUSKA VALLEY
- 3 KENAI PENINSULA

- 4 SOUTHEAST
- 5 SOUTHWEST

ALASKA AGRICULTURAL STATISTICS 1991

COMPILED BY

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STATE OF ALASKA

DEPARTMENT OF NATURAL RESOURCES

DIVISION OF AGRICULTURE

WALTER J. HICKEL, GOVERNOR

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May 14, 1991

Dear Reader:

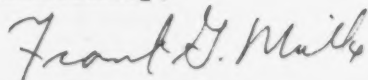
Dry weather and grasshoppers were principal causes in the decline of production during 1990. The drought in turn affected other sectors that rely on in-state feed, especially the dairy industry.

In spite of those difficulties, vegetable, reindeer and hog statistics were up during 1990. The upcoming crop year should show increases in most categories.

As Alaska strives for stability and a reduction of state spending on agriculture, the statistics will continue to show promise for niche markets, integrated operations and fresh local products, rather than commodities that face competition from more favorable climates.

Our thanks go out to the many producers and State Statistician Delon Brown for making these statistics and their analysis possible.

Sincerely,



Frank G. Mielke
Director



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PHOTO CREDITS:

Front Cover:	Beef cattle scene - Palmer and beef cow (inset) - Delta Junction by Doug Warner, State Division of Ag.
	Small calf (inset) - Delta Junction by Don Quarberg, CES, Delta Junction
All Other Photos:	Alaska Agricultural Statistics Staff
Back Cover:	Logo from State Division of Ag

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It's a pleasure to issue the 1991 "Alaska Agricultural Statistics" bulletin. The Alaska Agricultural Statistics Service continues as a major source of information concerning Alaska's agriculture. State, as well as area estimates are presented for crops, dairy, livestock and poultry. This is the 30th in a series and shows the latest crop and livestock data available. A host of related data is also included that should be of interest to a wide variety of data users. Preliminary and any revisions made to prior years' data were based on new information available since the original estimates were prepared.

The Alaska Agricultural Statistics Service is an agency formed by the cooperative function of the Alaska Division of Agriculture; the Agricultural and Forestry Experiment Station and Cooperative Extension Service of the University of Alaska and the National Agricultural Statistics Service of United States Department of Agriculture. These agencies have provided the necessary funding for this "detailed" reporting of agriculture information.

I wish to express my sincere thanks to the many Alaskan farmers, ranchers, and agri-business people who voluntarily furnish the basic data from which the official estimates are prepared.

This year, we are featuring the Beef industry on our front cover. Beef cattle are found in all agricultural areas of the State. However, the largest herds are found out on the Aleutian Chain and Kodiak.

If you have any questions about any of the data or suggestions to improve this publication or any other aspect of our service, please let me know.

De Lon A. Brown

DELON A. BROWN, State Statistician



OTHER REPORTS AVAILABLE

ALASKA "Farm Reporter" - Monthly
"Crop Weather" - Weekly (May to Oct)

Call us at (907) 745-4272 or write for an order form to:
Alaska Agricultural Statistics Service
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ALASKA CASH RECEIPTS FROM FARM MARKETINGS 1/ - SELECTED YEARS

ITEM	1960	1970	1980	1988	1989	1990
------	------	------	------	------	------	------

----- (000) Dollars -----

TOTAL ALL COMMODITIES	4,004	3,805	11,792	30,125	28,651	26,579
Total Livestock Products	2,984	2,871	4,119	9,930	8,836	7,562
All Meat Animals	186	447	494	1,251	1,389	1,120
Cattle & Calves	122	355	268	1,159	1,320	992
Sheep and Lambs	5	17	5	36	32	25
Hogs and Pigs	59	75	221	56	37	103
All Dairy Products	2,277	1,994	2,118	5,969	4,550	3,254
Milk Wholesale	1,962	1,831	1,978	5,878	4,485	3,187
Milk Retail	315	163	140	91	65	67
All Poultry & Eggs	471	351	443	83	84	86
Poultry	17	17	11	24	30	33
Eggs	454	334	422	59	54	53
All Miscellaneous Livestock	50	79	1,074	2,627	2,813	3,102
Wool	50	72	25	23	19	19
Other Livestock 2/	-	7	1,049	2,604	2,794	3,083
Total All Crops	1,020	934	7,673	20,195	19,815	19,017
All Feed Crops	212	196	1,854	2,744	2,018	1,708
Barley	77	58	886	581	636	264
Hay	96	128	952	2,100	1,275	1,394
Oats	39	10	16	63	107	50
All Vegetables	806	724	1,725	2,955	3,020	2,568
Potatoes	614	480	1,137	2,138	2,226	1,688
Miscellaneous Vegetables	192	244	588	817	794	880
All Other Crops	1	14	4,094	14,496	14,777	14,741
Greenhouse and Nursery	-	-	3,920	13,845	14,458	14,570
Other Crops 3/	-	-	174	651	319	171

1/ Includes cash receipts from all crop and livestock commodities in Alaska. 2/ Includes equine, fox, goats, honey, mink, musk ox, reindeer, and other livestock and poultry. 3/ Includes forest products, berries, grass seed and other field crops not mentioned above. Dash indicates breakdown not available.

ALASKA VALUE OF ON FARM PRODUCTION BY AREA 1/ - SELECTED YEARS

Year	Tanana Valley	Matanuska Valley	Kenai Penin.	South- east	South- west	State Total
------	------------------	---------------------	-----------------	----------------	----------------	----------------

----- Dollars -----

CROPS

1960	560,100	1,672,600	132,100	32,300	18,900	2,416,000
1970	381,000	1,493,900	137,100	-	15,000	2,027,000
1980	1,927,500	3,501,000	373,000	-	60,000	5,861,500
1988	3,198,600	5,500,400	373,000	-	17,000	9,089,000
1989	3,438,300	4,328,700	385,000	-	20,000	8,172,000
1990	1,584,700	4,978,300	495,000	-	24,000	7,082,000

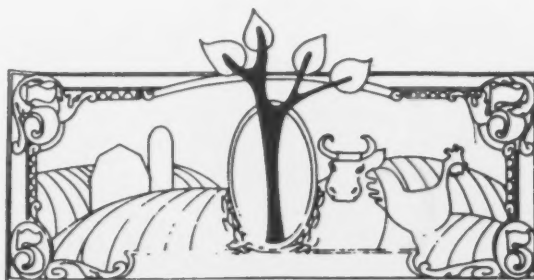
LIVESTOCK & POULTRY

1960	448,500	2,116,800	177,500	264,000	140,200	3,147,000
1970	275,100	2,492,300	73,900	15,300	265,400	3,126,000
1980	357,500	2,970,700	235,500	16,100	289,200	3,869,000
1988	1,073,600	6,841,400	229,400	18,000	254,600	8,417,000
1989	1,040,400	5,632,800	218,400	17,000	204,400	7,113,000
1990	1,166,800	3,774,200	238,000	20,000	211,000	5,410,000

TOTAL

1960	1,008,600	3,789,400	309,600	296,300	159,100	5,563,000
1970	656,100	3,990,200	211,000	15,300	280,400	5,153,000
1980	2,285,000	6,471,700	608,500	16,100	349,200	9,730,500
1988	4,272,200	12,341,800	602,400	18,000	271,600	17,506,000
1989	4,478,700	9,961,500	603,400	17,000	224,400	15,285,000
1990	2,751,500	8,752,500	733,000	20,000	235,000	12,492,000

1/ Includes total value of crop and livestock on farm commodities in this bulletin except reindeer. Excludes other livestock and all other crops as shown on Page 3. Dash indicates combined with other areas.



ALASKA AND U. S. PRICES RECEIVED FOR CROP AND LIVESTOCK PRODUCTS - SELECTED YEARS

Year	Barley (Bu.)	Oats (Bu.)	All Hay (Ton)	Silage (Ton)	Potatoes (Cwt.)	Eggs (Doz.)	All Milk (Cwt.)
------	-----------------	---------------	------------------	-----------------	--------------------	----------------	--------------------

----- Dollars -----

ALASKA

1960	2.20	1.50	73.50	20.34	6.40	.86	11.74
1970	1.90	1.30	75.00	18.00	6.60	.83	11.20
1980	3.00	3.10	140.00	39.00	20.30	1.20	17.95
1988	3.40	2.45	140.00	45.00	16.70	1.43	20.30
1989	3.40	2.40	150.00	43.00	18.10	1.55	20.31
1990	3.30	2.35	170.00	42.00	19.40	1.51	20.47

UNITED STATES

1960	.84	.60	21.70	NA	2.00	.36	4.22
1970	.92	.63	26.10	NA	2.21	.39	5.71
1980	2.91	1.82	70.90	NA	5.73	.56	13.05
1988	2.80	2.61	85.20	NA	6.02	.53	12.26
1989	2.42	1.49	85.40	NA	7.36	.69	13.65
1990	2.14	1.12	84.80	NA	6.15	.72	13.81

NA - Not Available.

ALASKA AND U. S. PRICES RECEIVED FOR LIVESTOCK AND POULTRY - SELECTED YEARS

Year	All Hogs (Cwt.)	Beef Cattle (Cwt.)	All Cows (Cwt.)	Steers & Heifers (Cwt.)	Milk Cows (Head)	Calves (Cwt.)	All Sheep (Cwt.)	All Chickens (Head)
------	-----------------------	--------------------------	-----------------------	-------------------------------	------------------------	------------------	------------------------	---------------------------

----- Dollars -----

ALASKA

1961	26.00	22.00	NA	NA	NA	NA	26.00	2.31
1970	45.80	25.40	19.90	27.80	394.00	32.70	25.00	2.12
1980	75.00	56.00	45.00	64.00	800.00	55.00	30.00	4.10
1988	79.00	63.00	51.00	73.00	930.00	74.00	30.00	4.60
1989	62.00	60.00	47.00	70.00	960.00	74.00	30.00	4.50
1990	78.00	62.00	52.00	70.00	980.00	76.00	30.00	4.60

UNITED STATES

1961	16.60	21.41	21.00	28.50	208.00	23.12	5.20	.76
1970	22.70	27.10	21.00	29.00	332.00	34.50	7.64	1.35
1980	38.00	62.40	45.70	66.90	1,190.00	76.80	21.30	1.88
1988	42.30	66.60	46.30	71.40	990.00	89.30	25.60	2.04
1989	42.50	69.50	48.00	74.30	1,030.00	90.80	24.40	2.16
1990	53.70	74.60	51.50	78.80	1,160.00	95.60	23.20	2.29

NA - Not Available.

ALASKA FARM BALANCE SHEET - 1985-1989 1/

ITEM	1985	1986	1987	1988	1989
------	------	------	------	------	------

----- Million Dollars -----

TOTAL FARM ASSETS	727.6	592.2	569.2	540.3	545.2
Real Estate	534.0	369.6	234.5	257.5	234.3
Livestock/Poultry	6.5	6.5	6.7	6.0	5.5
Machinery/motor Vehicles	22.6	22.9	23.3	23.0	23.2
Crops	.0	.2	.3	.2	.2
Financial Assets	164.5	193.1	214.5	253.6	282.0
 TOTAL FARM DEBT 2/	 41.6	 36.4	 30.6	 33.2	 33.1
Real Estate Debt	32.4	25.5	20.7	22.2	23.6
Nonreal Estate Debt	9.2	10.9	9.9	11.0	9.6
 EQUITY	 686.1	 555.8	 538.6	 507.1	 512.1
DEBT/ASSETS RATIO	5.7	6.1	5.4	6.1	6.1

1/ Data are for farms with annual sales of \$1,000 or more. 2/ Excludes Alaska Agriculture Revolving Loan.
SOURCE: ERS ECIF 9-3

ALASKA FARM GROSS AND NET INCOME 1985-1989

ITEM	1985	1986	1987	1988	1989
------	------	------	------	------	------

----- Million Dollars -----

REALIZED GROSS FARM INCOME:					
Cash Receipts/farm marketings	25.0	28.0	28.9	30.1	28.6
Government Payments	.3	.8	2.4	1.8	1.1
Nonmoney Income	3.3	3.0	3.1	2.8	2.7
Other Farm Income	1.3	1.2	1.3	1.3	1.5
Net Inventory Change	-2.9	-1.1	-2.6	-3.8	-4.1
 TOTAL GROSS FARM INCOME	 27.0	 31.8	 33.1	 32.2	 29.8
 FARM PRODUCTION EXPENSE	 22.1	 20.6	 21.0	 20.6	 21.2
 REALIZED NET INCOME	 4.9	 11.2	 12.1	 11.6	 8.7

SOURCE: ERS ECIF 9-3

ALASKA AGRICULTURAL COMMODITIES PRODUCED - SELECTED YEARS

ITEM	1960	1970	1980	1988	1989	1990
------	------	------	------	------	------	------

----- (000) Units -----

CROP PRODUCTION \

Oats for grain (Bu.)	79.7	22.5	26.1	36.6	55.7	23.7
Barley for grain (Bu.)	87.5	46.5	339.0	228.0	249.0	138.0
Grain Silage (Ton)	15.8	7.4	4.7	6.1	3.4	1.2
Grass Silage (Ton)	4.4	6.2	7.7	6.7	5.3	5.0
All Silage (Ton)	20.2	13.6	12.4	12.8	8.7	6.2
Grain Hay (Ton)	2.5	1.5	2.7	1.4	.8	.3
Grass Hay (Ton)	8.0	7.9	12.3	23.3	15.7	15.9
All Hay (Ton)	10.5	9.4	15.0	24.7	16.5	16.2
Potatoes (Cwt)	131.4	106.8	77.0	202.0	196.0	138.0
Cabbage 1/ (Cwt)	3.6	3.5	4.1	8.9	8.4	10.2
Lettuce 1/ 2/ (Cwt)	6.2	7.9	11.2	28.6	24.8	22.8
Carrots (Cwt)	7.6	1.5	3.3	4.0	5.9	7.4
Other Vegetables (Cwt.)	2.8	3.0	4.6	8.2	8.6	9.0

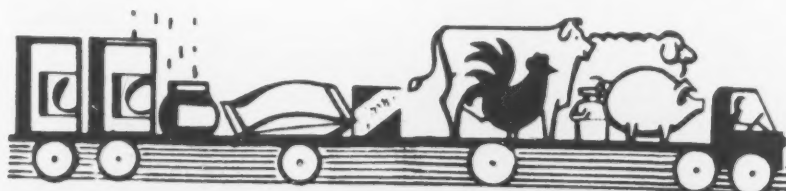
LIVESTOCK AND POULTRY PRODUCTION

Eggs (Doz)	529.8	408.0	375.0	58.0	58.0	58.0
Poultry (Lbs)	55.0	73.0	161.0	69.0	63.0	63.0
Beef (Lbs)	357.0	963.0	767.0	1,498.0	1,734.0	1,307.0
Pork (Lbs)	151.0	135.0	232.0	152.0	180.0	180.0
Mutton (Lbs)	12.0	52.0	18.0	29.0	29.0	29.0
Wool (Lbs)	125.0	239.0	35.0	18.0	16.0	15.0
Reindeer (Lbs)	450.0	615.0	-	432.0	452.0	411.0

----- Million Units -----

Milk (Lbs)	20.4	18.6	12.5	30.7	23.3	16.8
------------	------	------	------	------	------	------

1/ Production unit changed to cartons in 1981. 2/ Head lettuce only beginning 1981; prior years included all lettuce. Dash indicates data not available.



ALASKA LIVESTOCK AND POULTRY ON FARMS (By Class) - SELECTED YEARS

CLASS	Jan. 1 1961	Jan. 1 1971	Jan. 1 1989	Jan. 1 1990	Jan. 1 1991
-------	----------------	----------------	----------------	----------------	----------------

	------(000)Head -----				
ALL CATTLE AND CALVES	7.3	8.8	9.2	8.2	7.5
Beef Cows	1.4	2.6	2.5	2.6	2.3
Milk Cows	2.8	1.6	1.9	1.4	1.1
Heifers 500 pounds +	1.0	1.2	1.3	1.0	1.0
Beef Cow Replacement	.4	.6	.7	.7	.7
Milk Cow Replacement	.6	.6	.6	.3	.3
Steers 500 Pounds+	.6	.8	.5	.5	.4
Bulls 500 Pounds+	.2	.5	1.1	1.2	1.2
Calves Under 500 Pounds	1.3	2.1	1.9	1.5	1.5
ALL SHEEP AND LAMBS	15.0	23.0	2.7	2.5	2.5
Lambs	4.0	.6	.6	.3	.5
Ewes 1 Year +	6.0	10.0	1.4	1.5	1.4
Wethers and Rams 1 Year +	5.0	10.0	.7	.7	.6

CLASS	Dec. 1 1961	Dec. 1 1970	Dec. 1 1988	Dec. 1 1989	Dec. 1 1990
-------	----------------	----------------	----------------	----------------	----------------

	------(000)Head -----				
ALL HOGS AND PIGS	1.0	1.1	.6	.7	1.2
Slaughter Hogs & Pigs	NA	.7	.4	.4	.9
Breeding Hogs	NA	.4	.2	.3	.3
ALL CHICKENS	42.0	26.0	5.0	5.0	5.0
HPLA	41.0	23.0	4.0	4.0	4.0
Other Chickens	1.0	3.0	1.0	1.0	1.0

NA - Not Available.

ALASKA FARM NUMBERS AND LAND IN FARMS - SELECTED YEARS

YEAR	LAND IN FARMS (000 ACRES)	TOTAL ALL FARMS	ALL CATTLE	BEEF COW	MILK COW	CHICKENS	HOGS	SHEEP
1960	1,635	420	220	1/	140	1/	1/	1/
1970	1,710	320	160	1/	90	70	40	20
1980 2/	1,520	450	160	1/	60	100	60	20
1988	1,030	620	170	90	50	90	40	40
1989	1,010	600	160	90	40	80	40	30
1990	1,000	580	150	80	40	80	40	30

1/ Data not available. 2/ Farm redefined to include farms and ranches with annual sales of \$1,000 or more.

ALASKA FERTILIZER CONSUMPTION 1/ - 1989 - 1990

MATERIAL	1989	1990	MATERIAL	1989	1990
----- Tons -----			----- Tons -----		
NITROGEN:			COMPLETED FORMULAS:		
Ammonium Nitrate	140	470	16-16-16	370	420
Urea	4,870	6,000	17-17-17	40	-
Other Nitrogen	-	110	18-18-18	430	150
PHOSPHATE:			20-2-5	-	60
Ammoniated Phosphate	1,130	660	20-10-10	90	90
POTASH:			20-20-10	420	210
Muriate of Potash	10	40	21-3-5	40	-
TOTAL MATERIAL			22-4-4	150	160
	6,150	7,280	22-11-11	380	550
COMPLETED FORMULAS:			24-12-10-5	-	20
5.5-26-26	-	30	25-3-5	-	40
7-30-20	100	-	30-9-0	30	-
8-32-16	770	510	MISCELLANEOUS	870	540
10-20-10	50	-	TOTAL FORMULAS	4,280	3,020
10-20-20	290	190	TOTAL FERTILIZER	10,430	10,300
15-31-10-5	-	50	LIME	710	680
15-62-0	100	-			

1/ Survey conducted by Alaska Division of Agriculture

ALASKA CONSUMPTION OF FERTILIZER PLANT NUTRIENTS SELECTED YEARS 1/

Year Ended June 30	Kind of Fertilizer			Total Fertilizer
	Mixed Fertilizer	Primary Nutrient Material	Secondary and Micro- Nutrient	
	(Tons)	(Tons)		(Tons)
1965	3,033	1,339	0	4,372
1970	3,200	1,603	5	4,808
1980	6,445	2,155	0	8,600
1988	5,970	3,370	0	9,700
1989	4,280	6,150	0	10,430
1990	3,020	7,280	0	10,300

1/ Beginning 1987, Survey conducted by Alaska Division of Agriculture.

ALASKA RAILBELT HORTICULTURE SURVEY - 1986 & 1990

Alaska's horticulture industry made up over 50 percent of the State's total cash receipts in 1989 and 1990. This aspect of the State's agriculture has a significant economic impact throughout most of the Railbelt along with providing many jobs. The special Horticulture Survey was paid for by the Alaska Division of Agriculture and the Extension Service.

VALUE OF SALES BY TYPE, AREA

Item	Fairbanks		Mat-Su		Anchorage		Kenai Penin.		Railbelt	
	1986	1990	1986	1990	1986	1990	1986	1990	1986	1990

----- (000) Dollars -----

Retail Sales:

Live Plants	1,225	1,670	1,040	970	8,200	7,330	785	710	11,250	10,680
Cut & Dried Flowers	170	870	310	640	2,890	4,920	135	350	3,505	6,780
Artificial Flowers	NA	90	NA	30	NA	610	NA	40	NA	770
Hydro seed, Seed,										
Sod, Topsoil	NA	80	NA	140	NA	1,150	NA	280	NA	1,650
All Others 1/	NA	1,210	NA	430	NA	8,830	NA	790	NA	11,260
Non-Green 2/	830	NA	285	NA	6,725	NA	295	NA	8,135	NA
Services	420	NA	380	NA	5,425	NA	915	NA	7,410	NA
<u>Alaska Grown</u>	1,090	1,480	960	810	5,470	4,710	620	450	8,140	7,450
<u>Instate Wholesale Sales</u>	250	170	215	110	4,300	4,880	115	90	2,365	4,780

1/ Includes Interior rent, maintenance, services, tools, chemicals, fertilizer, pots, etc.

2/ Tools, chemicals, fertilizer, pots, topsoil, etc. NA - Not Available.

Railbelt Horticulture industries marketed \$10.7 million worth of live plants through retail outlets during 1990. Sales were off in all areas except the Fairbanks area. Alaska Grown products accounted for \$7.5 million or 70 percent of the live plant sales in 1990, down from 72 percent in 1986. Retail and services accounted for 87 percent of the total sales value in 1990 versus 86 percent in 1986. Value of cut and dried flowers increased in all areas from 1986 to 1990 and accounted for \$6.8 million in sales.

GROWING SPACE BY TYPE AND AREA

Item	Fairbanks		Mat-Su		Anchorage		Kenai Penin.		Railbelt	
	1986	1990	1986	1990	1986	1990	1986	1990	1986	1990

----- (000) Dollars -----

Greenhouse

(000 Sq. Ft.) 1/	144.7	161.7	9.8	107.3	512.0	610.7	65.5	70.3	822.0	950.0
<u>Nursery</u> (Acres)	27	64	88	116	114	82	27	13	256	275
<u>Landscaped</u> (Acres)	NA	10	NA	10	NA	275	NA	105	NA	400

1/ Total under transparent cover. NA - not available.

The 1990 growing area of commercial greenhouses in the Railbelt totaled 950 thousand square feet or nearly 22 acres, up from 19 acres in 1986. Acres devoted to outdoor nursery stock in the Railbelt totaled 275 acres, up from 256 in 1986.

ALASKA RAILBELT HORTICULTURE SURVEY - (Continued)



RETAIL SALES BY COMMODITY AND AREA



Item	Fairbanks		Mat-Su		Anchorage		Kenai Penin.		Railbelt	
	1986	1990	1986	1990	1986	1990	1986	1990	1986	1990
----- (000) Dollars -----										
<u>Bedding:</u>										
Ornamental	380	550	270	230	2,250	2,370	1/	1/	2,900	3,150
Vegetable	220	220	140	100	305	350	1/	1/	665	670
<u>Flowers:</u>										
Cut	150	750	300	640	2,670	4,710	130	340	3,250	6,440
Potted	140	350	190	360	930	2,290	70	260	1,330	3,260
<u>Trees & Shrubs</u>	240	290	285	210	1,640	990	150	60	2,315	1,550
<u>Greenhouse Vegetables</u>	90	50	10	5	360	420	5	5	465	480

1/ Combined with Anchorage to avoid disclosure of individual operations.

A turn around in the Railbelt economy helped to increase 1990 sales of bedding plants, flowers and greenhouse vegetables from 1986. Sale of trees and shrubs declined from 1986. More people said it with flowers as sales of cut flowers increased 98 percent, potted flowers, 45 percent, and ornamental bedding plants, 9 percent from 1986.

EMPLOYMENT AND WAGES PAID BY AREA

Item	Fairbanks		Mat-Su		Anchorage		Kenai Penin.		Railbelt	
	1986	1990	1986	1990	1986	1990	1986	1990	1986	1990
<u>Total Workers</u>	245	215	155	185	1,005	1,310	170	115	1,575	1,825
<u>Paid:</u>										
Year Round	25	25	25	25	260	270	20	15	330	335
Seasonal	180	140	80	90	625	760	70	60	955	1,050
<u>Unpaid:</u>										
Family	40	50	50	70	120	280	80	40	290	440
<u>Total Wages Paid</u>										
(000) Dollars	706	790	595	690	7,470	7,300	503	490	9,274	9,270

The 1990 Railbelt horticulture industries labor force totaled 1,825 compared with 1,575 for 1986. Paid year-round workers increased slightly. Even though the number of seasonal employees increased over 1986, many employers indicated these workers worked less time than in 1986. The number of family workers increased 52 percent from 1986, indicating more of the workload being handled by family members. Wages paid in 1990 by the Railbelt horticulture industries totaled \$9.3 million, down slightly from 1986.



ALASKA'S 1990 CROP AND WEATHER REVIEW

The 1990 crop year started off up to 2 weeks earlier than normal due to premature above normal warm temperatures. However, some areas remained too wet to get into fields for the first half of May. Small grain seeding of barley and oats, commercial potato planting, hardy vegetable seeding and transplanting was active by mid-May. Small grain for grain seeding was nearly complete by May 29th. Early seeded fields had excellent emergence. Fresh market potato planting began the week of May 14th and was being wrapped up the first week in June, a week behind 1989 progress. Planting for seed continued into mid-June. Vegetable growers in the Matanuska Valley began setting transplants about May 10th. Warmer than normal temperatures and scattered rainfall promoted mostly moderate to rapid growth in the central and southern regions of the Railbelt during most of June. In late June, over half of barley for grain in the Delta-Clearwater area of the Tanana Valley had reached the boot stage of development, double last year's progress.

Critically dry soil conditions and unusually hot weather prevailed from late June until late August in the Delta-Clearwater area, stressing most crops. Grasshopper infestation also caused heavy damage. Adequate rainfall was received in most other areas of the Tanana Valley during this time frame.

First crop hay making began around the 15th of June in the Tanana and Matanuska Valleys but harvest progress was slow for several weeks due to intermittent, continual showers. Hay harvest on the Kenai Peninsula began around June 25th. Excellent quality first cutting was realized in all areas but the Delta-Clearwater, where on-going hot, dry conditions severely affected growth and value. Second cutting was active in the Fairbanks region of the Tanana Valley the second week of August while farmers in the Matanuska Valley were delaying harvest waiting for more growth. By October 1, Railbelt-wide, much of the second cutting had been made. Some fields had to be abandoned due to drought conditions during July and August and wet conditions during September.

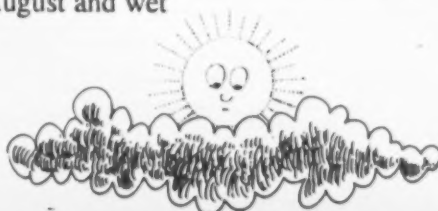
Barley for grain harvest, the earliest on record, began the second week of August in the Tanana Valley. Adverse weather during the growing season severely affected the quality of small grains. Rain-fall plagued small grain combining during the normal harvest period of September. Harvest was generally completed by October 1.

Potato digging for early fresh market started the 13th of August in the Matanuska Valley, 10 days ahead of 1989. Tanana Valley commercial potato harvest began around August 25th. Digging was slow going as wet conditions plagued progress during September. Harvest was generally complete by October 1. Excellent supplies of head lettuce, carrots, cabbage and squash were harvested during the season. Hot, dry weather during July and early August caused some tip burn to lettuce on commercial operations. Warm temperatures and transplants enabled growers an early harvest start. Most growers were still harvesting excellent quality cabbage, carrots and squash in late September.

A hard killing frost ended the growing season in much of the Tanana Valley on September 10th and 16th. Clearwater had a low of 29 degrees the morning of September 8th and higher elevations were dusted with snow.

In the Matanuska Valley, on September 29, a low temperature of 30 degrees was reported at the Palmer AES station. Kenny Lake recorded a low of 26 on August 30th. However, most areas didn't have a killing frost until October, after most perishables had been harvested.

Detailed summaries are shown on the next four pages for temperatures, precipitation and growing degree days. Data for these summaries are taken from the monthly Climatological Data Publications, NOAA, Environmental Data Service and may vary somewhat from the Annual Climatological data publication when it becomes available.



ALASKA PRECIPITATION DATA (Inches)

Station	1990 Precipitation							1990 Snow/ Sleet	Average Precipitation 1/						
	Apr	May	Jun	Jul	Aug	Sep	Year		Apr	May	Jun	Jul	Aug	Sep	Year
TANANA VALLEY															
Fairbanks Airport	.07	.40	1.73	4.87	3.60	1.74	18.52	122	.28	.66	1.45	1.85	1.65	1.01	10.68
University Exp. Sta.	.05	.31	2.50	4.91	3.13	2.35	20.05	111	.19	.58	1.73	2.14	1.88	1.14	12.20
Eielson Field	.06	.34	1.40	2.68	3.19	1.74	13.56	152	.24	.68	1.69	2.32	2.06	1.25	11.78
Big Delta	.00	.27	1.69	1.92	3.19	2.88	15.34	72	.22	.86	2.65	2.88	1.98	1.09	11.57
Clearwater	.00	.28	1.86	1.33	3.46	3.67	21.40	100	.51	1.04	2.60	2.77	1.98	1.45	16.08
MATANUSKA VALLEY															
Anchorage	.27	.71	1.52	.81	1.90	6.64	19.01	96	.65	.66	1.07	1.72	2.68	2.88	16.25
PMC-Butte	.18	1.21	.99	.24	.88	3.97	14.03	80	.50	.44	.99	1.70	1.35	1.57	17.89
Palmer AES	.22	1.60	1.62	.22	1.57	4.98	18.19	115	.56	.62	1.39	2.11	2.21	2.67	15.67
Matanuska Exp. Sta.	.18	1.53	1.13	.21	1.79	4.92	17.50	111	.55	.68	1.42	2.29	2.28	2.58	15.35
Wasilla 3S	.03	1.30	1.43	.56	2.17	4.92	19.32	99	.55	.78	1.71	2.31	2.51	2.99	17.14
Talkeetna	.93	1.60	1.37	1.37	4.31	10.22	39.99	272	1.32	1.61	2.76	3.52	4.45	4.59	29.29
Point McKenzie	*	1.24	.92	2.69	9.43	3.76	28.78		.53	1.22	1.15	1.78	3.69	3.69	*
KENAI PENINSULA															
Homer Airport	1.13	1.12	.66	2.57	2.80	4.09	22.50	45	1.47	1.13	.94	1.51	2.23	3.19	26.97
Kenai	.55	1.53	1.72	1.05	2.20	6.19	24.72	93	.75	1.04	1.12	1.55	2.47	3.23	18.52
Kasilof	.71	.10	.83	1.82	4.63	5.67	26.40	57	.71	.77	1.06	1.63	2.62	3.20	18.39
OTHER AREAS															
Kodiak	4.13	2.02	7.22	3.86	5.92	6.10	62.04	146	4.36	6.12	5.25	4.10	4.80	6.90	71.24
Nome	1.73	2.02	.29	4.66	3.29	2.26	20.74	73	.64	.65	1.25	2.22	2.80	2.51	15.62
McGrath	1.01	1.18	1.18	2.65	3.92	3.32	22.77	197	.72	1.05	1.49	2.17	2.51	2.30	17.54
Juneau Airport	.87	3.44	1.10	3.81	2.82	7.29	46.88	157	2.75	3.34	3.17	3.77	5.31	6.66	53.52
Haines	1.78	1.40	1.11	.76	2.05	4.07	36.83	148	2.46	1.97	1.42	1.49	2.62	4.72	47.65
Kenny Lake	.03	1.43	2.65	.86	.72	1.81	12.34	63	.19	.55	1.49	1.95	1.48	1.25	11.08

1/ Averages based on Historical records from 1970-1990 when data available.

* Data unavailable.



ALASKA 1990 TEMPERATURE DATA

Station	High/Low For				Average for				Date of Last Spring Minimum of <32°	Date of First Fall Minimum of <40°	Days Between <32°				
	Year	Jan	Apr	Jul	Year	Jan	Apr	Jul				Sep			
TANANA VALLEY															
Fairbanks Arpt.	90/-46	30/-45	55/16	90/47	63/28	27	-13	38	65	45	5/23	8/25	9/24	141	
Univ Exp Sta	90/-49	28/-49	55/17	90/44	64/26	27	-12	37	64	44	5/22	8/25	9/8	109	
Eielson Field	90/-50	25/-48	56/14	90/47	64/28	26	-16	38	66	44	5/7	5/23	9/8	124	
Big Delta	86/-46	38/-41	56/12	86/38	74/25	27	-5	37	63	46	5/23	5/28	9/10	110	
Clearwater	88/-52	30/-52	54/5	87/35	64/21	24	-11	36	60	44	5/25	7/31	8/25	92	
MATANUSKA VALLEY															
Anchorage	80/-23	41/17	53/23	76/44	65/36	34	16	40	59	50	5/6	5/25	8/30	10/1	149
PMC-Butte	82/-38	43/-32	60/22	82/40	64/31	33	11	41	59	49	5/26	5/30	8/25	9/17	104
Palmer AES	80/-26	43/-21	60/23	80/43	65/30	34	13	42	60	49	5/3	5/25	8/28	9/28	148
Mat Exp Sta	81/-28	43/-24	60/22	81/45	68/33	34	12	40	60	50	5/25	5/25	8/28	10/3	131
Wasilla 3S	81/-28	42/-26	60/21	81/43	68/32	35	13	41	60	51	5/23	5/27	8/28	10/2	128
Talkeetna	84/-41	33/-36	57/14	84/44	62/30	32	9	38	61	47	5/23	5/27	8/29	9/26	122
Pt. McKenzie	*	* ,F	* 76/44		66/35	*	*	*	57	47	*	*	*	*	*
KENAI PENINSULA															
Homer Arpt.	72/-9	41/-4	57/26	67/43	61/32	37	23	40	55	49	5/22	6/22	8/29	10/2	133
Kenai	74/-33	38/-25	53/21	71/43	61/33	32	13	38	55	48	5/6	6/12	8/30	10/1	148
Kasilof	78/-26	38/-18	53/20	66/38	62/32	33	14	36	54	48	6/1	6/28	7/9	10/2	123
OTHER AREAS															
Kodiak	77/2	43/12	61/24	71/42	70/30	41	29	41	54	52	5/22	6/25	9/11	9/30	131
Nome	82/-38	30/-28	39/-10	82/40	55/20	26	2	26	56	40	6/11	6/24	8/28	9/10	91
McGrath	87/-53	36/-50	58/11	87/42	60/23	26	-11	37	62	43	5/6	6/24	8/22	9/11	128
Juneau Arpt.	82/-5	40/-5	62/28	82/46	62/36	41	26	43	59	51	4/28	5/20	9/26	10/4	159
Haines	89/-13	41/-6	63/29	82/49	71/38	40	23	44	62	53	4/23	6/23	9/1	10/5	165
Kenny Lake	85/-48	37/-48	60/9	85/31	63/26	28	1	36	59	47	5/22	6/22	7/8	8/8	78

*Data unavailable.



ALASKA HISTORICAL TEMPERATURE DATA 1/

Station	High/Low For				Average for				Growing Season Average No. Frost Free Days 32°	Eleva- tion in Feet
	Year	Jan	Apr	Jul	Sep	Year	Jan	Apr	Jul	Sep
TANANA VALLEY										
Fairbanks Airport	96/-66	50/-66	74/-49	93/34	84/10	28	-8	31	63	45
University Exp. Sta.	99/-65	47/-65	76/-32	99/29	85/6	28	-6	31	61	45
Eielson Field	93/-64	49/-64	74/-23	89/36	75/5	28	-10	29	61	44
Big Delta	92/-63	48/-63	76/-37	91/35	79/2	28	-3	30	60	44
Clearwater	93/-72	48/-72	74/-33	90/28	74/13	25	-9	29	59	42
MATANUSKA VALLEY										
Anchorage	86/-38	56/-35	65/-21	83/35	73/19	36	16	36	58	48
PMC-Butte	85/-45	51/-45	72/-15	85/36	71/17	35	11	27	43	35
Palmer AES	90/-36	51/-36	69/-17	85/37	72/17	36	14	35	58	48
Matanuska Exp. Sta.	91/-41	51/-40	68/-16	85/31	75/16	36	14	36	58	47
Wasilla 3S	90/-40	52/-40	68/-8	87/37	76/17	37	15	37	59	49
Talkeetna	91/-48	45/-48	69/-37	90/26	78/11	33	10	33	58	46
Pt. McKenzie	84/-45	35/-45	57/12	82/41	68/34	34	8	28	47	40
KENAI PENINSULA										
Homer Airport	81/-24	49/-24	60/-7	78/37	66/24	38	23	35	54	48
Kenai						34	14	34	55	47
Kasilof	87/-45	48/-45	63/-17	83/27	72/15	34	14	33	53	46
OTHER AREAS										
Kodiak	86/-16	54/-16	62/-7	81/38	73/26	41	31	37	55	50
Nome	86/-54	46/-54	60/-30	86/31	67/15	27	6	17	52	42
McGrath	90/-75	54/-75	67/-40	89/33	76/6	26	-8	26	59	44
Juneau Airport	90/-22	57/-20	71/6	90/36	72/26	41	25	40	56	50
Haines	98/-17	53/-11	74/16	98/35	76/24	41	24	41	58	50
Kenny Lake	88/-57	44/-57	68/-26	88/30	77/-1	28	-3	32	57	44

1/ Averages based on Historical records from 1970-1990 when data available, Pt. MacKenzie, based on three years.



ALASKA SEASON GROWING DEGREE DAYS (Base 40° F.) 1/

Station	May		Jun		Jul		Aug		Sep		Total	
	1990	Avg	1990	Avg	1990	Avg	1990	Avg	1990	Avg	1990	Avg
TANANA VALLEY												
Fairbanks Airport	468	304	648	599	784	714	620	536	144	157	2664	2309
University Exp. Sta.	378	269	588	551	747	669	570	505	129	142	2413	2137
Eielson Field	456	263	664	553	815	659	611	508	150	134	2695	2116
Big Delta	338	243	555	505	722	633	524	487	180	130	2319	1998
Clearwater	304	188	513	461	632	580	490	418	109	57	2048	1703
MATANUSKA VALLEY												
Anchorage	307	214	513	429	577	570	552	508	288	238	2236	1959
PMC-Butte	322	242	543	446	595	562	512	487	276	227	2248	1963
Palmer AES	310	223	582	430	614	548	530	484	276	234	2312	1919
Matanuska Exp. Sta.	313	218	525	419	617	548	543	488	288	221	2286	1895
Wasilla 3S	353	240	549	449	617	591	555	524	321	260	2395	2064
Talkeetna	288	170	579	432	645	573	543	480	198	181	2253	1836
Pt. McKenzie	241	246	448	415	536	574	491	527	208	239	1923	2002
KENAI PENINSULA												
Homer Airport	208	97	354	282	456	421	471	421	267	230	1756	1450
Kenai	217	126	357	311	462	453	465	427	237	200	1738	1517
Kasilof	124	61	327	259	422	403	446	383	237	169	1556	1275
OTHER AREAS												
Kodiak	177	115	381	291	425	447	530	469	345	304	1858	1626
Nome	0	0	216	192	496	378	446	332	9	71	1167	870
McGrath	276	166	555	464	694	594	546	461	78	119	2149	1805
Juneau Airport	301	229	450	395	598	505	561	477	336	290	2246	1896
Haines	344	271	516	454	667	562	595	527	399	310	2521	2125
Kenny Lake	273	137	495	393	586	528	465	417	213	113	2032	1589

1/ Averages based on Historical records from 1970-1990 when data available.



ALASKA CROP SUMMARY - 1990

BARLEY was planted on 5,700 acres in 1990, 600 acres more than in 1989 and 400 acres above 1988. Growers harvested 5,400 acres for grain, up 700 acres from 1989. Production of **BARLEY FOR GRAIN** was 138,000 bushels, 111,000 bushels below 1989. A yield of 25.5 bushels per acre was down 27.5 bushels from 53.0 per acre in 1989. The 1990 crop value, at \$455,000 was \$392,000 below the 1989 level.

OAT growers planted 1,300 acres of oats, 100 acres below a year ago. Growers harvested 1,000 a decrease of 200 from last year. Most of the oat acreage was harvested for grain in 1990.

OATS FOR GRAIN was harvested from 600 acres, down 100 acres from 1989. Production was 23,700 bushels, 32,000 bushels below the 1989 production. The State's yield averaged 39.5 bushels per acre compared with 79.5 in 1989. Value of the 1990 crop at \$56,000 compares with \$134,000 in 1989.

MIXED GRAINS for hay and silage were harvested from a record low 100 acres, a decline of 100 acres from a year ago and the smallest acreage since records began in 1960. Production is included with hay and silage data.

ALL HAY production of 16,200 tons was 300 tons below the 1989 production. The State's average yield at 1.07 tons per acre compares with 1.30 tons per acre in 1989. The 1990 crop was harvested from 15,100 acres, up 2,400 acres from a year earlier but down 800 acres from 1988. At \$2,754,000, value of production of all hay increased \$279,000 from the previous year.

GRASS HAY was harvested from 14,800 acres, 2,500 acres more than in 1989. Production of 15,900 tons of grass hay was 200 tons above the 1989 level. Seeded grass hay-brome, timothy, etc, is harvested mostly in the Tanana and Matanuska Valleys. Native grasses still make up part of the Kenai Peninsula hay production.

GRAIN HAY, mostly oat hay was harvested from 300 acres, the smallest acreage on record back to 1960 and down 100 acres from 1989. Production totaled 300 tons, also the smallest production on record and compares with 800 tons in 1989.

All SILAGE production totaled 6,200 tons, the smallest silage crop on record and down from 8,700 tons the previous year. A total of 1,400 acres of silage was harvested, down 1,000 acres from 1989. **GRASS SILAGE** was harvested from 1,200 acres and produced 5,000 tons. **GRAIN SILAGE** produced 1,200 tons from 200 acres. Silage is produced mainly by Grade A Dairies included in the Palmer and Pt. MacKenzie areas. Production value of all silage at \$260,000 was \$114,000 less than a year ago.

POTATO production of 138,000 cwt. was harvested from 590 acres, compared with 196,000 cwt. from 840 acres in 1989. At \$2,677,000, value of production was \$871,000 below the 1989 crop.

VEGETABLES were harvested from 264 acres, up 10 acres from 1989. Value of all vegetables produced, excluding greenhouse vegetables was \$880,000 compared with \$714,000 in 1989. **HEAD LETTUCE** production of 22,800 cartons was harvested from 71 acres in 1990. Other types of lettuce are included in other vegetables. An annual average carton weight for head lettuce in Alaska was 45 pounds in 1990 same as in 1989. **CABBAGE** production of 8,400 cartons was harvested from 38 acres in 1990. An annual average carton weight for cabbage in Alaska was 55 pounds in 1990 and 50 pounds in 1989.

CARROT production totaled 7,400 cwt., 1,500 cwt. above 1989 and the largest production since 1960 when 7,600 cwt. was harvested. Acres harvested at 35 was slightly above year ago. **OTHER VEGETABLES** were harvested from 120 acres, up 18 acres from the previous year.

ALASKA CROPLAND UTILIZATION - 1990

CROPS	TANANA VALLEY	MATANUSKA VALLEY	KENAI PENIN.	SOUTH- WEST	STATE TOTAL
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----- Acres -----

PLANTED AREA

COMMERCIAL VEGETABLES

Potatoes	290	500	10	-	800
Lettuce	28	54	-	-	82
Cabbage	9	31	-	-	40
Carrots	10	26	-	-	36
Other Vegetables	25	117	-	-	142

FEED CROPS

All Oats	1,000	300	-	-	1,300
All Barley	5,400	300	-	-	5,700
Grain Mixtures	-	100	-	-	100

GRASSLAND HARVESTED

Grass	6,400	7,200	2,300	100	16,000
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TOTAL LAND IN CROPS

	13,162	8,628	2,310	100	24,200
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Percent of State Total	.4	34.7	9.5	.4	100
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HARVESTED AREA

COMMERCIAL VEGETABLES

Potatoes	90	490	10	-	590
Lettuce	18	53	-	-	71
Cabbage	9	29	-	-	38
Carrots	10	25	-	-	35
Other Vegetables	21	99	-	-	120

FEED CROPS

Oats - All purposes	750	200	-	50	1,000
Barley - All purposes	5,100	300	-	-	5,400
Grain Mixtures	-	100	-	-	100
Grass	6,400	7,200	2,300	100	16,000

GRAIN

Oats	500	100	-	-	600
Barley	5,100	300	-	-	5,400

HAY

Grain	200	100	-	-	300
Grass	5,800	6,600	2,300	100	14,800

SILAGE

Grain	50	100	-	50	200
Grass	600	600	-	-	1,200

Dash indicates no crop produced or combined with other areas.

ALASKA BARLEY - SELECTED YEARS

Area	Year	Area Planted Acres	AREA HARVESTED FOR GRAIN			
			Acres	Yield Bu.	Production	
					Bu.	\$ Value

----- (000) -----

Tanana Valley	1960	830	650	26.6	17.3	40.3
	1970	1,500	750	30.9	23.2	44.0
	1980	12,500	10,600	29.2	309.6	904.0
	1988	4,800	4,400	50.0	220.0	741.0
	1989	4,800	4,500	54.0	243.0	826.0
	1990	5,400	5,100	24.5	124.0	403.0
Matanuska Valley 1/	1960	1,870	1,650	42.5	70.2	151.7
	1970	900	750	31.1	23.3	44.0
	1980	1,500	900	32.7	29.4	113.0
	1988	500	300	26.7	8.0	34.0
	1989	300	200	30.0	6.0	21.0
	1990	300	300	46.5	14.0	52.0
State Total	1960	2,700	2,300	38.0	87.5	192.0
	1970	2,400	1,500	31.0	46.5	88.0
	1980	14,000	11,500	29.5	339.0	1,017.0
	1988	5,300	4,700	48.5	228.0	775.0
	1989	5,100	4,700	53.0	249.0	847.0
	1990	5,700	5,400	25.5	138.0	455.0



1/ Includes Kenai Peninsula.

ALASKA MIXED GRAINS 1/ - SELECTED YEARS

DISTRICT	1960	1970	1980	1988	1989	1990
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PLANTED AREA

Tanana Valley	640	150	50	200	-	-
Matanuska Valley	2,480	1,700	450	800	600	100
Kenai Peninsula	180	50	-	-	-	-
State Total	3,300	1,900	500	1,000	600	100

HARVESTED AREA

Tanana Valley	620	100	50	200	-	-
Matanuska Valley	2,440	1,550	450	800	200	100
Kenai Peninsula	140	50	-	-	-	-
State Total	3,200	1,700	500	1,000	200	100

1/ Includes mixture of oats, barley, peas, etc. for all purposes. Dash indicates no crop produced or combined with other areas.

ALASKA OATS - SELECTED YEARS

Area	Year	Area Planted Acres	AREA HARVESTED FOR GRAIN			
			Acres	Yield Bu.	Production	
					Bu.	\$ Value

----- (000) -----

Tanana Valley	1960	640	220	51.8	11.4	18.3
	1970	400	140	31.4	4.4	5.6
	1980	2,100	450	42.9	19.3	52.0
	1988	800	500	64.8	32.4	77.0
	1989	1,000	600	88.5	53.1	127.0
	1990	1,000	500	38.5	19.4	44.0
Matanuska Valley 1/	1960	2,560	1,180	57.9	68.3	101.7
	1970	1,300	360	50.3	18.1	23.4
	1980	1,000	150	45.3	6.8	29.0
	1988	1,400	100	42.0	4.2	13.0
	1989	400	100	26.0	2.6	7.0
	1990	300	100	43.0	4.3	12.0
State Total	1960	3,200	1,400	57.0	79.7	120.0
	1970	1,700	500	45.0	22.5	29.0
	1980	3,100	600	43.5	26.1	81.0
	1988	2,200	600	61.0	36.6	90.0
	1989	1,400	700	79.5	55.7	134.0
	1990	1,300	600	39.5	23.7	56.0

1/ Includes Kenai Peninsula and Southwest.

ALASKA GRAIN STOCKS - SELECTED YEARS

Year	ON FARM				OFF FARM				TOTAL			
	Jan 1	Apr 1	Jul 1	Sep 1	Jan 1	Apr 1	Jul 1	Sep 1	Jan 1	Apr 1	Jul 1	Sep 1

----- Tons -----

OATS												
1988	530	430	360	150	100	100	60	80	630	530	420	23
1989	420	360	190	110	350	250	230	170	770	610	420	28
1990	620	530	380	280	240	230	150	110	860	760	530	39
1991	490	410	NA	NA	60	20	NA	NA	550	430	NA	NA
BARLEY												
1988	2,820	1,800	910	390	1,500	1,050	380	240	4,320	2,850	1,290	63
1989	3,070	2,250	1,090	330	1,510	1,200	810	670	4,580	3,450	1,900	1,00
1990	3,510	2,270	1,640	1,150	2,000	1,590	1,430	1,110	5,510	3,860	2,870	2,26
1991	2,290	1,820	NA	NA	1,590	930	NA	NA	3,880	2,750	NA	NA

NA - Not Available.

ALASKA GRAIN AND GRASS HAY - SELECTED YEARS

District	Year	Area Harv. Acres	Production		Area Harv. Acres	Production	
			Tons	\$ Value		Tons	\$ Value
			(000)			(000)	
			GRAIN HAY 1/			GRASS HAY	
Tanana Valley	1960	500	700	52.2	560	750	62.2
	1970	400	300	23.0	1,200	1,500	112.0
	1980	1,800	2,000	270.0	3,100	2,200	310.0
	1988	300	600	72.0	6,400	7,600	1,045.0
	1989	300	500	59.0	5,100	6,200	932.0
	1990	200	200	31.0	5,900	4,200	673.0
Matanuska Valley	1960	1,270	1,600	104.0	3,450	6,250	468.5
	1970	600	700	53.0	3,600	5,000	375.0
	1980	450	500	66.0	5,800	7,900	1,094.0
	1988	300	700	109.0	6,800	13,700	1,876.0
	1989	100	300	45.0	5,200	7,200	1,045.0
	1990	100	100	14.0	6,500	8,700	1,538.0
Kenai Peninsula	1960	110	170	12.5	610	650	48.8
	1970	400	500	36.0	1,600	1,200	91.0
	1980	150	200	25.0	1,300	1,800	275.0
	1988	100	100	16.0	1,900	1,900	323.0
	1989	-	-	-	1,900	2,200	374.0
	1990	-	-	-	2,300	2,900	478.0
Southwest 2/	1960	20	30	2.0	380	350	21.5
	1970	-	-	-	200	200	15.0
	1980	-	-	-	200	400	60.0
	1988	-	-	-	100	100	17.0
	1989	-	-	-	100	100	20.0
	1990	-	-	-	100	100	20.0
State Total	1960	1,900	2,500	171.0	5,000	8,000	601.0
	1970	1,400	1,500	112.0	6,600	7,900	593.0
	1980	2,400	2,700	361.0	10,400	12,300	1,739.0
	1988	700	1,400	197.0	15,200	23,300	3,261.0
	1989	400	800	104.0	12,300	15,700	2,371.0
	1990	300	300	45.0	14,800	15,900	2,709.0

1/ Includes mixed grains, oats and barley. 2/ Includes Southeast. Dash indicates no crop produced or combined with other areas.

ALASKA ALL HAY - SELECTED YEARS

District	Year	Area Harvested Acres	Production		
			Yield (tons)	Tons	\$ Value
					(000)
Tanana Valley	1960	1,060	1.37	1,450	114.7
	1970	1,600	1.13	1,800	135.0
	1980	4,900	.86	4,200	580.0
	1988	6,700	1.23	8,200	1,117.0
	1989	5,400	1.24	6,700	993.0
	1990	6,100	.72	4,400	704.0
Matanuska Valley	1960	4,720	1.66	7,850	572.5
	1970	4,200	1.36	5,700	428.0
	1980	6,520	1.34	8,400	1,160.0
	1988	7,100	2.03	14,400	1,985.0
	1989	5,300	1.42	7,500	1,088.0
	1990	6,600	1.33	8,800	1,552.0
Kenai Peninsula	1960	720	1.14	820	61.3
	1970	2,000	.85	1,700	127.0
	1980	1,450	1.38	2,000	300.0
	1988	2,000	1.00	2,000	339.0
	1989	1,900	1.16	2,200	374.0
	1990	2,300	1.26	2,900	478.0
Southwest 1/	1960	400	.95	380	23.5
	1970	200	1.00	200	15.0
	1980	200	2.00	400	60.0
	1988	100	.60	100	17.0
	1989	100	1.00	100	20.0
	1990	100	1.00	100	20.0
State Total	1960	6,900	1.52	10,500	772.0
	1970	8,000	1.18	9,400	705.0
	1980	12,800	1.17	15,000	2,100.0
	1988	15,900	1.55	24,700	3,458.0
	1989	12,700	1.30	16,500	2,475.0
	1990	15,100	1.07	16,200	2,754.0



1/ Includes Southeast.

ALASKA GRAIN AND GRASS SILAGE 1/ - SELECTED YEARS

District	Year	Area Harv Acres	Production		Area Harv Acres	Production	
			Tons	\$ Value		Tons	\$ Value

(000)

(000)

GRAIN SILAGE 1/

GRASS SILAGE

Tanana Valley	1960	590	2,550	59.0	110	350	7.7
	1970	100	500	9.0	100	300	5.5
	1980	850	1,000	38.0	50	100	4.0
	1988	400	1,300	60.0	200	600	29.0
	1989	200	1,000	43.0	300	600	26.0
	1990	50	200	9.0	600	1,200	50.0
Matanuska Valley	1960	2,240	12,000	242.0	860	3,050	59.5
	1970	1,400	6,900	125.0	1,300	5,900	105.5
	1980	700	3,000	108.0	1,550	7,400	303.0
	1988	1,500	4,800	215.0	1,300	6,100	272.0
	1989	300	2,400	103.0	1,600	4,700	202.0
	1990	200	900	37.0	600	3,800	160.0
Kenai Peninsula 2/	1960	270	1,250	24.0	330	1,000	18.8
	1970	-	-	-	-	-	-
	1980	350	700	24.0	100	200	7.0
	1988	-	-	-	-	-	-
	1989	-	-	-	-	-	-
	1990	50	100	4.0	-	-	-
State Total	1960	3,100	15,800	325.0	1,300	4,400	86.0
	1970	1,500	7,400	134.0	1,400	6,200	111.0
	1980	1,900	4,700	170.0	1,700	7,700	314.0
	1988	1,900	6,100	275.0	1,500	6,700	301.0
	1989	500	3,400	146.0	1,900	5,300	228.0
	1990	300	1,200	50.0	1,200	5,000	210.0

1/ Includes mixed grains, oats and barley. 2/ Includes Southwest. Dash indicates no crop produced or combined with other areas.

ALASKA ALL SILAGE - SELECTED YEARS

District	Year	Area Harvested Acres	Production		
			Yield (tons)	Tons	\$ Value

(000)

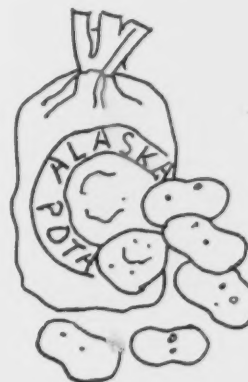
Tanana Valley	1960	700	4.14	2,900	66.7
	1970	200	4.00	800	14.5
	1980	900	1.22	1,100	42.0
	1988	600	3.17	1,900	89.0
	1989	500	3.20	1,600	69.0
	1990	650	2.15	1,400	59.0
Matanuska Valley	1960	3,100	4.85	15,050	301.5
	1970	2,700	4.74	12,800	230.5
	1980	2,250	4.62	10,400	411.0
	1988	2,800	3.89	10,900	487.0
	1989	1,900	3.74	7,100	305.0
	1990	700	6.71	4,700	197.0
Kenai Peninsula 1/	1960	600	3.75	2250	42.8
	1970	-	-	-	-
	1980	450	2.00	900	31.0
	1988	-	-	-	-
	1989	-	-	-	-
	1990	50	-	100	4.0
State Total	1960	4,400	4.59	20,200	411.0
	1970	2,900	4.69	13,600	245.0
	1980	3,600	3.44	12,400	484.0
	1988	3,400	3.76	12,800	576.0
	1989	2,400	3.63	8,700	374.0
	1990	1,400	4.43	6,200	260.0

1/ Includes Southwest. Dash indicates no crop produced or combined with other areas.

ALASKA POTATOES - SELECTED YEARS

District	Year	Area Harvested Acres	Production		
			Yield (Cwt)	Cwt.	\$ Value
					(000)
Tanana Valley	1960	296	159	47,000	290.4
	1970	160	128	20,500	144.0
	1980	95	129	12,300	267.0
	1988	280	215	60,200	1,047.0
	1989	360	192	69,100	1,282.0
	1990	90	134	12,100	236.0
Matanuska Valley	1960	378	203	76,640	386.2
	1970	435	196	85,400	554.0
	1980	340	184	62,700	1,254.0
	1988	505	277	139,800	2,292.0
	1989	470	269	126,300	2,255.0
	1990	490	255	125,000	2,424.0
Kenai Peninsula 1/	1960	56	139	7,760	46.4
	1970	15	60	900	7.0
	1980	25	80	2,000	42.0
	1988	15	133	2,000	34.0
	1989	10	60	600	11.0
	1990	10	90	900	17.0
State Total	1960	730	180	131,400	723.0
	1970	610	175	106,800	705.0
	1980	460	167	77,000	1,563.0
	1988	800	253	202,000	3,373.0
	1989	840	233	196,000	3,548.0
	1990	590	234	138,000	2,677.0

1/ Includes Southeast and Southwest.



ALASKA POTATO STOCKS - SELECTED YEARS

CROP YEAR	TOTAL PRODUCTION	STOCKS ON HAND AS OF							
		OCT 1	DEC 1	JAN 1	FEB 1	MAR 1	APR 1	MAY 1	JUN 1

----- (000) Hundredweight -----

1961	146.3	NA	90.0	77.0	64.0	58.0	47.7	32.2	18.7
1970	106.8	96.8	75.5	66.1	56.2	46.9	35.0	23.9	13.2
1980	77.0	72.5	59.0	52.0	41.5	33.5	26.0	18.5	7.5
1988	202.0	187.0	171.0	149.0	127.0	108.0	92.0	72.0	46.0
1989	196.0	184.0	151.0	134.0	119.0	103.0	84.0	58.0	24.0
1990	138.0	124.5	102.0	86.0	70.0	54.0	43.0	31.0	NA

NA - Data Not Available.

ALASKA POTATO PRODUCTION, DISPOSITION AND AVERAGE PRICE - SELECTED YEARS

Crop Year	Production	Total Seed	Farm Food Seed 1/	Lost and Shrinkage	Sold	\$ Price Per Cwt.
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----- (000) Hundredweight -----

1960	131.4	8.0	9.0	26.4	96.0	6.40
1969	71.3	8.1	7.4	7.8	56.1	5.30
1979	85.0	5.6	7.0	15.0	63.0	12.30
1987	148.0	13.3	17.0	36.0	95.0	15.60
1988	202.0	13.6	23.0	51.0	128.0	16.70
1989	196.0	13.8	24.0	49.0	123.0	18.10

1/ Household use, livestock feed, and seed used on farm where grown.



ALASKA HEAD LETTUCE AND CABBAGE - SELECTED YEARS

District	Year	Area Harvested Acres	Production		
			Ctn	Cwt.	\$ Value

(000)

HEAD LETTUCE 1/

Tanana Valley	1960	3		200	3.1
	1970	7		450	10.4
	1980	15		700	42.0
	1988	28	3,800		53.0
	1989	27	3,700		52.0
	1990	18	2,000		28.0
Matanuska Valley 2/	1960	47		6,000	74.9
	1970	53		7,450	148.6
	1980	85		10,500	200.0
	1988	67	24,800		287.0
	1989	62	21,100		228.0
	1990	53	20,800		239.0
State Total	1960	50		6,200	78.0
	1970	60		7,900	159.0
	1980	100		11,200	242.0
	1988	95	28,600		340.0
	1989	89	24,800		280.0
	1990	71	22,800		267.0



CABBAGE

Tanana Valley	1960	13		1,020	12.4
	1970	8		800	11.0
	1980	7		300	7.5
	1988	11	1,100		14.6
	1989	9	800		11.3
	1990	9	1,000		14.7
Matanuska Valley 2/	1960	22		2,580	18.6
	1970	17		2,700	27.0
	1980	20		3,800	72.0
	1988	24	7,800		71.4
	1989	23	7,600		69.7
	1990	29	9,200		96.3
State Total	1960	35		3,600	31.0
	1970	25		3,500	38.0
	1980	27		4,100	79.5
	1988	35	8,900		86.0
	1989	32	8,400		81.0
	1990	38	10,200		111.0

1/ Prior to 1986, included all lettuce. 2/ Includes Kenai Peninsula.

ALASKA CARROTS AND OTHER VEGETABLES - SELECTED YEAR

District	Year	Area Harv Acres	Production		Area Harv Acres	Production	
			Cwt	\$ Value		Cwt	\$ Value
			(000)			(000)	
			CARROTS			OTHER VEGETABLES 1/	
Tanana Valley	1960	3	400	3.3	8	860	10.9
	1970	6	540	7.5	17	600	9.0
	1980	7	300	10.0	14	500	23.0
	1988	10	1,000	29.0	20	700	31.0
	1989	10	900	28.0	17	1,200	50.0
	1990	10	1,000	33.0	21	1,500	63.0
Matanuska Valley 2/	1960	42	7,200	45.7	42	1,940	29.1
	1970	9	960	12.5	83	2,400	29.0
	1980	21	3,000	102.0	58	4,100	160.0
	1988	20	3,000	90.0	103	7,500	241.0
	1989	21	5,000	130.0	85	7,400	225.0
	1990	25	6,400	148.0	99	7,500	258.0
State Total	1960	45	7,600	49.0	50	2,800	40.0
	1970	15	1,500	20.0	100	3,000	38.0
	1980	28	3,300	112.0	72	4,600	183.0
	1988	30	4,000	119.0	123	8,200	272.0
	1989	31	5,900	158.0	102	8,600	275.0
	1990	35	7,400	181.0	120	9,000	321.0



1/ Excludes greenhouse grown vegetables. 2/ Includes Kenai Peninsula.



ALASKA LIVESTOCK AND POULTRY - 1990

CATTLE AND CALVES: There were 7,500 head of cattle and calves on Alaska farms and ranches January 1, 1991, down 700 head from last year. Inventory value of all cattle on January 1, 1991 totaled \$4,725,000.

DAIRY: Milk cows that have calved numbered 1,100 on January 1, 1991, down 300 head from the a year ago and the lowest since 1984. There were 300 head of dairy replacement heifers.

The number of Grade A dairies in the State on January 1, 1990 totaled 10. Seven from the Palmer and Pt. MacKenzie areas are included with the Matanuska Valley; 3 in the Tanana Valley near Delta Junction.

MILK PRODUCTION in 1990 totaled 16.8 million pounds, 6,500,000 pounds less than in 1989. The value of milk produced at \$3,438,000 was \$1,294,000 less than a year ago. The 1990 value per hundredweight of \$20.47 compares with \$20.32 in 1989.

BEEF: Beef cattle (all cattle and calves less milk cows and dairy replacement heifers) numbered 6,100 head, 400 head less than the January 1, 1990 number. Beef cow numbers at 2,300 head, 300 head below the previous year. Beef heifers are estimated at 700 head. Marketing and transportation problems continue to be main obstacles of the rancher. Beef are generally sold off the range at the end of the grazing season. However, during the past year, several head of beef cattle have been

finished in feed lots before being slaughtered.

HOGS: There were 1,200 hogs and pigs on farms on December 1, 1990, up 500 head the previous year. Total value of hogs on December 1, 1989 was \$197,000 compared with \$130,000 on December 1, 1989.

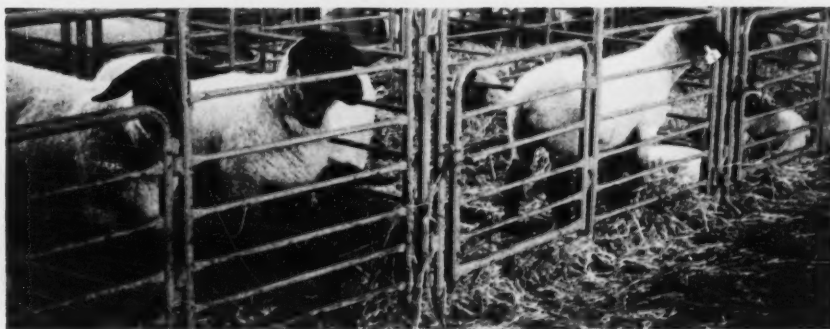
SHEEP: Stock sheep and lambs on January 1, 1991 totaled 2,500 head, comparable with a year earlier. Inventory value of sheep was estimated at \$170,000 compared with \$178,000 a year earlier.

WOOL PRODUCTION of 15,000 pounds was down 1,000 pounds from 1989. The 1,700 head shorn compares with 1,900 head shorn in 1989. At 8.8 pounds, fleece weight was up from 8.4 pounds the previous year. The 1990 wool crop was valued at \$19,000.

POULTRY: All chickens on farms totaled 5,000 on December 1, 1989. Value of all chickens totaled \$23,000 unchanged from a year earlier.

EGG PRODUCTION totaled 58,000 dozen in 1990, unchanged from 1989. Value of eggs produced in 1990 was \$88,000, down \$2,000 from the previous year.

REINDEER: There were an estimated 37,000 head of reindeer during 1990, up 3,000 head from 1989. Value of sales from meat and by-products totaled \$2,087,000, up \$381,000 from 1989.



ALASKA CATTLE ON FARMS (January 1) - SELECTED YEARS

DISTRICT	1961	1971	1981	1989	1990	1991
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BEEF COWS THAT HAVE CALVED 1/

Tanana Valley	30	20	230	390	450	290
Matanuska Valley	30	40	190	160	210	180
Kenai Peninsula	70	300	240	230	300	180
Southwest 2/	1,270	2,240	1,840	1,720	1,640	1,650
State Total	1,400	2,600	2,500	2,500	2,600	2,300

VALUE (000) DOLLARS	329.0	671.0	1,249.0	1,480.0	1,669.0	1,518.0
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MILK COWS THAT HAVE CALVED 1/

Tanana Valley	340	90	80	200	200	190
Matanuska Valley	2,170	1,470	980	1,670	1,170	880
Kenai Peninsula	40	30	30	20	20	20
Southwest 2/	250	10	10	10	10	10
State Total	2,800	1,600	1,100	1,900	1,400	1,100

VALUE (000) DOLLARS	1,204.0	720.0	913.0	1,771.0	1,347.0	1,078.0
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BEEF REPLACEMENT AND OTHER HEIFERS 3/

Tanana Valley	10	20	260	120	180	140
Matanuska Valley	10	40	60	80	100	120
Kenai Peninsula	20	80	80	90	110	130
Southwest 2/	360	460	500	410	310	310
State Total	400	600	900	700	700	700

VALUE (000) DOLLARS	74.0	150.0	495.0	413.0	402.0	383.0
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DAIRY REPLACEMENT HEIFERS 3/

Tanana Valley	70	40	30	70	50	80
Matanuska Valley	470	540	460	530	250	220
Kenai Peninsula	20	20	10	-	-	-
Southwest 2/	40	-	-	-	-	-
State Total	600	600	500	600	300	300

VALUE (000) DOLLARS	150.0	160.0	280.0	481.0	246.0	240.0
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1/ Prior to January 1, 1971, definition was cows 2 years and older. 2/ Includes Southeast. 3/ Over 5 pounds.

ALASKA CATTLE ON FARMS (January 1) - SELECTED YEARS

DISTRICT	1961	1971	1981	1989	1990	1991
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STEERS 1/

Tanana Valley	10	-	40	230	160	150
Matanuska Valley	30	50	50	90	110	90
Kenai Peninsula	10	50	30	30	80	30
Southwest 2/	550	700	480	150	150	130
State Total	600	800	600	500	500	400
VALUE (000) DOLLARS	102.0	183.0	330.0	322.0	300.0	236.0

BULLS 1/

Tanana Valley	20	10	30	60	60	40
Matanuska Valley	50	40	50	40	50	30
Kenai Peninsula	20	30	40	30	30	20
Southwest 2/	110	420	880	970	1,060	1,110
State Total	200	500	1,000	1,100	1,200	1,200
VALUE (000) DOLLARS	67.0	160.0	630.0	796.0	818.0	813.0

CALVES 3/

Tanana Valley	110	50	120	360	320	260
Matanuska Valley	540	550	550	590	380	470
Kenai Peninsula	70	150	160	160	130	120
Southwest 2/	580	1,350	970	790	670	650
State Total	1,300	2,100	1,800	1,900	1,500	1,500
VALUE (000) DOLLARS	103.0	200.0	387.0	441.0	425.0	457.0

ALL CATTLE

Tanana Valley	590	230	790	1,430	1,420	1,150
Matanuska Valley	3,300	2,730	2,340	3,160	2,270	1,990
Kenai Peninsula	250	660	590	560	670	500
Southwest 2/	3,160	5,180	4,680	4,050	3,840	3,860
State Total	7,300	8,800	8,400	9,200	8,200	7,500
VALUE (000) DOLLARS	2,029.0	2,244.0	4,284.0	5,704.0	5,207.0	4,725.0

1/ Over 500 pounds. 2/ Includes Southeast. 3/ Under 500 pounds.



ALASKA CALF CROP - SELECTED YEARS

Year	Cows & Heifers That Have Calved January 1	Calving Percentage	Calf Crop	Year	Cows & Heifers That Have Calved January 1	Calving Percentage	Calf Crop
1961	4,200	83	3,500	1988	4,400	75	3,300
1970	4,400	86	3,800	1989	4,000	85	3,400
1980	3,600	78	2,800	1990	3,400	82	2,800

ALASKA FARROWINGS AND PIG CROP - SELECTED YEARS

YEAR	SPRING FARROWINGS			FALL FARROWINGS		
	Sows Farrowed	Pigs Per Litter	Pigs Saved	Sows Farrowed	Pigs Per Litter	Pigs Saved
1961	130	6.9	900	120	6.8	820
1970	120	6.6	790	130	6.9	900
1980	170	7.1	1,200	210	6.7	1,400
1988	70	7.1	500	80	8.8	700
1989	100	8.0	800	110	9.1	1,000
1990	110	8.2	900	130	7.7	1,000



ALASKA ALL HOGS (December 1) - SELECTED YEARS

DISTRICT	1961	1970	1980	1988	1989	1990
Tanana Valley	110	590	740	290	300	670
Matanuska Valley	770	400	950	250	310	390
Kenai Peninsula	60	50	70	40	50	40
Southeast 1/	60	60	40	20	40	100
State Total	1,000	1,100	1,800	600	700	1,200
VALUE (000) DOLLARS	61.0	74.0	254.0	100.0	130.0	197.0

1/ Includes Southwest.

ALASKA SHEEP AND LAMBS (January 1) - SELECTED YEARS

ITEM	1961	1971	1981	1989	1990	1991
Ewes One Year +	6,000	10,000	2,000	1,400	1,500	1,400
VALUE (000) DOLLARS	180.0	300.0	189.0	104.0	112.0	97.0
Wethers & Rams 1 Year+	5,000	10,000	1,300	700	700	600
VALUE (000) DOLLARS	125.0	267.0	104.0	59.0	42.0	33.0
All Lambs	4,000	3,000	600	600	300	500
VALUE (000) DOLLARS	76.0	77.0	48.0	41.0	22.0	40.0
All Sheep and Lambs	15,000	23,000	3,900	2,700	2,500	2,500
VALUE (000) DOLLARS	381.0	644.0	341.0	204.0	178.0	170.0



ALASKA LAMB CROP - SELECTED YEARS



Year	Ewes one Year Old and Over January 1	Lambing Percentage	Lamb Crop	Year	Ewes One Year Old and Over January 1	Lambing Percentage	Lamb Crop
1961	6,000	83	5,000	1988	1,200	58	700
1971	10,000	30	3,000	1989	1,400	50	700
1981	2,000	40	800	1990	1,500	53	800

ALASKA WOOL, LAMB AND MUTTON PRODUCTION - SELECTED YEARS

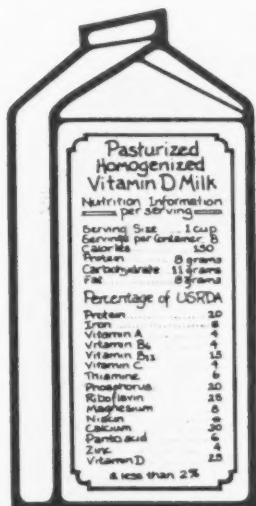
Year	Wool Production		Lamb and Mutton Production	
	Pounds	\$ Value	Pounds	\$ Value
1960	125,000	50,000	12,000	6,100
1970	239,000	72,000	52,000	27,000
1980	35,000	25,000	18,000	10,000
1988	18,000	23,000	29,000	40,000
1989	16,000	19,000	29,000	39,000
1990	15,000	19,000	29,000	32,000

ALASKA MILK PRODUCTION AND VALUE - SELECTED YEARS

District	Year	Production		\$ Value Per Cwt.	Percent Milkfat
		Pounds	\$ Value		

----- (000) -----

Tanana Valley	1960	4,470	584	NOT	
	1970	1,200	172		
	1980	600	132		
	1988	2,400	460	ESTIMATED	
	1989	2,400	460		
	1990	2,500	480		
Matanuska Valley	1960	15,930	1,811	BY	
	1970	17,400	1,911		
	1980	11,900	2,112		
	1988	28,300	5,773	DISTRICTS	
	1989	20,900	4,272		
	1990	14,300	2,958		
State Total	1960	20,400	2,395	11.74	3.75
	1970	18,600	2,083	11.20	3.63
	1980	12,500	2,244	17.95	3.58
	1988	30,700	6,233	20.30	3.46
	1989	23,300	4,732	20.31	3.36
	1990	16,800	3,438	20.47	3.43



ALASKA DAIRY PRODUCTS PRODUCTION 1986 - 1990

Item	1986	1987	1988	1989	1990
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----- Thousand Gallons -----

Ice Cream		16	30	40	49	44
		27	48	61	90	86
Ice Milk		456	412	391	419	439
		593	535	508	545	577

ALASKA MILK PRODUCTION BY MONTHS - 1980 AND 1990

Month	Milk Cows in Herd 1/		Milk Per Cow		Milk Production	
	1980	1990	1980	1990	1980	1990

----- Pounds -----

--- (000) Pounds ---

JANUARY	1,100	1,400	945	1,050	1,040	1,470
FEBRUARY	1,100	1,300	870	1,050	960	1,370
MARCH	1,100	1,200	935	1,260	1,030	1,510
APRIL	1,000	1,100	980	1,320	980	1,450
MAY	1,000	1,100	1,040	1,390	1,040	1,530
JUNE	1,000	1,100	1,060	1,290	1,060	1,420
JULY	1,000	1,100	1,140	1,320	1,140	1,450
AUGUST	1,000	1,100	1,090	1,330	1,090	1,460
SEPTEMBER	1,000	1,100	1,050	1,210	1,050	1,330
OCTOBER	1,100	1,100	935	1,210	1,030	1,330
NOVEMBER	1,100	1,100	910	1,150	1,000	1,260
DECEMBER	1,100	1,100	980	1,110	1,080	1,220
ANNUAL	1,100	1,200	11,364	14,000	12,500	16,800

1/ Includes all fresh and dry cows.



ALASKA EGG PRODUCTION (QUARTERLY) - SELECTED YEARS

Period	Average No. of Layers			Total Egg Production		
	1980	1989	1990	1980	1989	1990

----- Thousands -----

December 1/ - February	54	4	4	3,340	200	200
March - May	63	3	3	4,045	100	100
June - August	68	4	4	4,345	200	200
September - November	27	4	4	4,015	200	200

1/ December preceding year.

ALASKA EGGS - SELECTED YEARS

District	Year	Av. Number of Layers	Production		Sales (Dozen)
			Dozen	\$ Value	
Tanana Valley	1960		94,100	89,400	91,700
	1970		50,000	46,500	48,000
	1980	NOT	15,000	21,500	9,200
	1988		16,000	23,000	11,000
	1989		25,000	39,000	15,000
	1990		25,000	37,000	13,000
Matanuska Valley	1960		215,100	187,200	210,300
	1970		345,000	283,700	343,000
	1980	ESTIMATED	341,000	401,000	330,000
	1988		35,000	49,000	25,000
	1989		25,000	39,000	15,000
	1990		25,000	39,000	17,000
Kenai Peninsula	1960		143,500	124,800	140,600
	1970		6,000	5,000	4,000
	1980	BY	16,000	23,000	12,000
	1988		3,000	5,000	2,000
	1989		4,000	6,000	3,000
	1990		4,000	6,000	3,000
Southeast 1/	1960		77,100	62,600	75,800
	1970		7,000	5,800	5,000
	1980	DISTRICTS	3,000	4,500	800
	1988		4,000	6,000	3,000
	1989		4,000	6,000	2,000
	1990		4,000	6,000	2,000
State Total	1960	NA	529,800	464,000	518,400
	1970	27,000	408,000	341,000	400,000
	1980	24,000	375,000	450,000	352,000
	1988	3,000	58,000	83,000	41,000
	1989	3,000	58,000	90,000	35,000
	1990	3,000	58,000	88,000	35,000

1/ Includes Southwest. NA = Not Available



ALASKA POULTRY ON FARMS (December 1) - SELECTED YEARS

District	1961	1970	1980	1988	1989	1990
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HENS AND PULLETS OF LAYING AGE

Tanana Valley	5,000	3,900	3,600	1,200	2,100	2,800
Matanuska Valley	16,900	18,100	20,200	2,400	1,500	800
Kenai Peninsula	12,700	500	4,000	200	200	200
Southeast 1/	6,400	500	200	200	200	200
State Total	41,000	23,000	28,000	4,000	4,000	4,000



VALUE (000) DOLLARS	96.0	50.0	118.0	20.0	19.0	19
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ALL CHICKENS

Tanana Valley	5,000	5,100	5,000	1,500	2,400	3,100
Matanuska Valley	17,500	19,500	30,200	2,800	2,000	1,300
Kenai Peninsula	13,000	700	5,500	400	300	300
Southeast 1/	6,500	700	300	300	300	300
State Total	42,000	26,000	41,000	5,000	5,000	5,000



VALUE (000) DOLLARS	97.0	55.0	168.0	23.0	23.0	23
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1/ Includes Southwest.

ALASKA POULTRY PRODUCTION - SELECTED YEARS

District	1960	1970	1980	1988	1989	1990
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PRODUCTION - POUNDS

Tanana Valley	7,600	1,200	52,800	18,000	18,000	21,000
Matanuska Valley	16,200	55,500	85,000	24,000	24,000	21,000
Kenai Peninsula	24,800	3,000	15,900	21,000	15,000	15,000
Southeast 1/	6,400	2,500	7,300	6,000	6,000	6,000
State Total	55,000	73,000	161,000	69,000	63,000	63,000



PRODUCTION VALUE - DOLLARS

Tanana Valley	4,200	3,600	28,000	14,000	20,000	24,000
Matanuska Valley	7,400	13,600	43,700	18,000	26,000	24,000
Kenai Peninsula	11,600	900	8,500	16,000	17,000	17,000
Southeast 1/	2,800	900	3,800	5,000	7,000	7,000
State Total	26,000	19,000	84,000	53,000	70,000	72,000

1/ Includes Southwest.

ALASKA MEAT PRODUCTION - SELECTED YEARS

District	Year	Production		Production	
		Pounds Dr. Wt.	\$ Value	Pounds Dr. Wt.	\$ Value

		BEEF AND VEAL		PORK	
Tanana Valley	1960	37,600	16,100	14,900	6,700
	1970	45,000	23,000	48,000	29,000
	1980	116,000	138,000	85,000	86,000
	1988	422,000	513,000	47,000	49,000
	1989	376,000	452,000	69,000	57,000
	1990	441,000	509,000	101,000	104,000
Matanuska Valley	1960	155,000	60,300	126,700	50,900
	1970	475,000	245,000	70,000	44,000
	1980	296,000	294,000	124,000	120,000
	1988	776,000	925,000	56,000	59,000
	1989	1,087,000	1,217,000	74,000	61,000
	1990	575,000	683,000	59,000	58,000
Kenai Peninsula	1960	14,000	5,500	4,400	1,900
	1970	120,000	66,000	4,000	2,000
	1980	120,000	143,000	12,000	13,000
	1988	129,000	165,000	36,000	37,000
	1989	137,000	171,000	21,000	17,000
	1990	154,000	199,000	7,000	8,000
Southeast 1/	1960	150,400	62,100	5,000	2,500
	1970	323,000	168,000	13,000	7,000
	1980	235,000	249,000	11,000	13,000
	1988	171,000	222,000	13,000	15,000
	1989	134,000	174,000	16,000	14,000
	1990	137,000	183,000	14,000	17,000
State Total	1960	357,000	144,000	151,000	62,000
	1970	963,000	502,000	135,000	82,000
	1980	767,000	824,000	232,000	232,000
	1988	1,498,000	1,825,000	152,000	160,000
	1989	1,734,000	2,014,000	180,000	149,000
	1990	1,307,000	1,574,000	180,000	187,000

1/ Includes Southwest.

ALASKA REINDEER - SELECTED YEARS

REINDEER: Most reindeer are located on the Seward Peninsula and Nunivak and Umnak Islands. There are also village herds located on the Bering Sea Islands and also small herds in Palmer, Homer and Kenai. Revenue is mainly from sale of meat and by-products.

ALASKA REINDEER NUMBERS 1/

TYPE	1986	1987	1988	1989	1990
Males	11,000	11,000	14,000	13,000	14,000
Females	15,000	16,000	19,000	21,000	23,000
TOTAL 2/	26,000	27,000	33,000	34,000	37,000



ALASKA REINDEER MEAT AND BY-PRODUCTS 1/

Year	Meat Production		Meat Sales		Other Sales 3/ \$ Value
	Pounds Dr. Wt.	\$ Value	Pounds Dr. Wt.	\$ Value	
1960	450,000	180,000	330,000	132,000	4/
1970	615,000	300,000	479,000	241,000	4/
1988	432,000	747,000	350,000	662,000	1,007,000
1989	452,000	848,000	372,000	763,000	943,000
1990	411,000	857,000	363,000	857,000	1,230,000

1/ Based on information supplied by BIA, CES, and Native Corps. 2/ Includes bulls, steers, cows, and fawns. 3/ Antlers, hides and other by-products. 4/ Data not available.



ALASKA BEE AND HONEY PRODUCTION - 1990



Honey Producing Colonies	Yield Per Colony	Production	1/ Stocks Dec 15	Average Price Per Pound	Value of Production
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----- Pounds ----- Dollars -----

600 60 36,000 14,000 3.00 108,000

1/ Stocks held by producers. Does not include stocks under loan.

